ANNUAL INDEX TO CONTENTS

VOLUME XCV—January 1 through June 15, 1952

First figure is issue number; figure after colon is page.

GENERAL

Advertising in the Nursery Business....6:13
Air Layerage, Chinese....1:11
All-America Flower Selections for 1952....2:11
All-America Rose Selections for 1953....12:11
Azaleas This Spring, Dead....7:9
Bedding Plant Rulings....11:30
Borders, Perennials....1:6
Bulbs, Profits in....1:46
Cedar Germination, Red....10:8
Census Figures, Nursery....2:9
Census Reveals Nursery Statistics....7:7
Chrysanthemums, New....2:68
Crab Apples, Evaluating the Flowering....8:13
Deciduous Shrubs for Ranch-type Houses....1:10
Dollar Volume Soars, Nursery....8:11
Field Records and Staking at Mount Arbor..8:10
Forest Tree Planting....8:32
Freight Rate Increases....9:24
Germination, Light in....9:56
Hormone Kills Brush....12:39
Insect Control in Landscape Plantings....11:10
Landscape Equipment, Mechanized....6:11
Landscapes, Tips for Better....7:16; 9:28; 11:20
Lawn, Selling and Making a....10:13
Layering Plants in Holland....10:7
Merchandising Problems in the Retail Nursery....9:13
Patents, Plant....6:56; 8:64; 9:27; 10:39
Planting for Better Living....10:14
Plants that will Grow in the Shade....6:14
Propagating Rare Plants....8:28
Propagation and Production of Hardy Azaleas....6:7; 7:12
Propagation from Seeds....9:8
Propagation, Pointers on....11:11
Pruning Evergreens in the Nursery....5:17
Pruning, Proper Time for....2:12
Realism and Self-reliance....2:15
Research at Ohio State....6:15
Research Gains Aid Peach Production....10:51
Roses, Transplanter for....4:71
Salesmanship, Better Retail....10:11
Seeds, Soak Blackberry....9:56
Soil Chemicals in Evergreen Seedbeds....10:9
Soil Conditioner, Develop Potent New....5:16
Strawberries, New....9:32
Tax, Self-employed Pay....2:8
This Business of Ours....1:24; 2:26; 5:40; 6:30; 7:36; 8:24; 9:26; 10:24; 11:18; 12:20
Tree Maintenance..2:28; 5:32; 7:26; 10:26; 12:22
Trees for Modern Homes, Shade....7:10
Vitamin from Sewage....8:62
Water Table Affects Tree Varieties....8:62
Weed Control, Ways of....10:59
Weeds, Insecticide Kills....7:24
Your Business—Today and Tomorrow..3:18; 5:50

COVER ILLUSTRATIONS

Amelanchier Grandiflora Rubescens....1:62
Clematis Montana Rubens....10:33
Crataegus Phaenopyrum....9:40
Davidia Involucrata....8:27
Euonymus Fortunei Vegetus....5:48
Magnolia Virginiana....6:36
Picea Abies Clanbrasiliana....7:38
Pinus Mugo Pumilio....3:40
Prunus Glandulosa Sinensis....2:60
Rhododendron Arbutifolium....11:17
Rhus Aromatica....4:65
Rosa Harisoni....12:28

PLANTS

Achillea....7:35
Aconitum....2:26
Anagallis....12:18
Anthemis....2:24
Aquilegia....1:18; 5:28; 8:20
Arenaria....7:30
Arum....4:24
Boltonia....12:18
Borago....12:14
Callirhoe....2:71
Camomile....10:18
Campanula....7:35
Caryopteris....5:20
Ceratostigma....2:69
Chrysanthemum....11:12
Cirsium....9:22
Colchicum....7:30
Commelina....9:22
Corydalis....8:16
Cotyledon....7:67
Crassina....4:30
Cyananthus....5:28
Cynoglossum....10:23
Delphinium....8:20
Dianthus....9:14
Draba....9:14
Echinops....11:14
Epilobium....2:69
Epimedium....2:24
Erigeron....12:14
Eriogonum....5:22
Erodium....8:20; 11:16
Geum....6:20
Gormania....6:26
Helenium....11:15
Hemerocallis....3:26
Hypoxis....11:12
Iberis....8:16
Iris....4:26; 7:34
Lamium....8:16
Lavatera....12:16
Lepachys....6:24
Lilium....9:18
Linaria....7:34
Lotus....6:18
Lychnis....6:22
Malva....5:24
Monarda....9:20
Onosma....6:18
Oreocharis....7:32
Oxalis....5:26
Parochetus....5:20
Petromarula....7:30
Phlox....8:22; 11:15
Pinguicula....1:16
Pityrogramma....2:71
Plant Notes Here and There..1:16; 2:24; 3:26; 4:24; 5:20; 6:18; 7:30; 8:16; 9:14; 10:16; 11:12; 12:14
Polygala....9:14
Potentilla....5:20; 10:16; 11:12
Primula....4:26; 6:20
Pulmonaria....11:12
Salvia....2:26; 12:18
Scabiosa....8:18
Silene....10:16
Sisyrinchium....5:24
Stokesia....9:22
Stylophorum....7:34
Synthyris....10:16
Thymus....3:28
Tiarella....11:15
Tulipa....10:22
Verbena....6:18
Veronica....10:22
Viola....4:24; 5:30

INSECT AND DISEASE CONTROL

Anthracnose Control....10:57
Black Vine Weevil....9:36
Boxwood Leaf Miner....9:38
Chrysanthemum Stunt....10:38
Elm Scale Control....10:29
European Pine Sawfly....9:35
European Pine-shoot Moth....11:38
Insects and Diseases More Damaging Than Fire....5:36
Juniper Scale....9:34
Landscape Plantings, Insect Control in....11:10
Magnolia Scale....9:35
Nursery Insect Control....8:12
Pine Needle Scale....9:34
Resistance in Pests....5:80
Root Rot Control....10:54
Sphaeropsis Tip Blight....9:34
Spruce Mite....9:37
Taxus, Insecticides for....9:38
White-pine Blister Rust....5:98
Woodpecker Damage....7:26

AUTHORS

Brunner, James A.—
Needed: Better Retail Salesmanship....10:11
Brydon, P. H. (Jock)—
Merchandising Problems in the Retail Nursery....9:13
Cascio, Peter—
The Vice-president Replies to Charlie Chestnut....5:13
Chestnut, Charlie—
Some Hot Tips for the Vice-president....2:13
Fillmore, Richard H.—Chinese Air Layerage..1:11
Fisher, R. M.—
Shade Trees for Modern Homes....7:10
Gambrell, F. L. and Helt, C.—
Soil Chemicals in Evergreen Seedbeds....10:9
Gilgut, C. J.—Dead Azaleas This Spring....7:9
Helt, C. and Gambrell, F. L.—
Soil Chemicals in Evergreen Seedbeds....10:9
Hemming, E. Sam—This Business of Ours 1:24; 2:26; 5:40; 6:30; 7:36; 8:24; 9:26; 10:24; 11:18; 12:20
Lewis, Clarence E.—Tips for Better Landscapes....7:16; 9:28; 11:20
Lyons, William E.—
Selling and Making a Good Lawn....10:13
McIntyre, Earl E.—
Advertising in the Nursery Business....6:13
Mosher, Harold E.—
Planting for Better Living....10:14
Ossian, William N.—
Field Records and Staking at Mount Arbor.8:10
Schread, J. C.—
Insect Control in Landscape Plantings..11:10
Wells, James S.—Pointers on Propagation..11:11
Propagation and Production of Hardy Azaleas....6:7; 7:12
Propagation from Seeds....9:8
White, Richard P.—
Realism and Self-reliance....2:15
Your Business—Today and Tomorrow.3:18; 5:50
Wister, John C.—
Evaluating the Flowering Crabs....8:13
Wood, C. W.—Plant Notes Here and There 1:16; 2:24; 3:26; 4:24; 5:20; 6:18; 7:30; 8:16; 9:14; 10:16; 11:12; 12:14
Wysong, Noel B.—Tree Maintenance..2:28; 5:32; 7:26; 10:26; 12:22

MEETINGS

American Hibiscus Society....12:8
Canadian Association of Nurserymen....4:42
Connecticut Nurserymen's Association....3:48
Florida State Florists' Association....12:7
Florida State Nurserymen's and Growers' Association....12:7
Illinois State Nurserymen's Association....3:7
Indiana Association of Nurserymen....3:16
Iowa Nurserymen's Association....3:13
Kansas Association of Nurserymen....3:12
Kentucky State Nurserymen's Association..4:13
Long Island Nurserymen's Association....1:20
Maryland Nurserymen's Association....3:10
Massachusetts Nurserymen's Association....4:32
Michigan Association of Nurserymen....4:7
Michigan Landscape Conference....1:13
Midwestern Chapter, National Shade Tree Conference....5:9
Missouri State Nurserymen's Association....3:12
Nebraska Association of Nurserymen....1:14
New England Nurserymen's Association....5:7
New Jersey Association of Nurserymen....4:14
New York State Arborists' Association....5:12
New York State Nurserymen's Association..3:9
North Carolina Association of Nurserymen..3:34
North Jersey Metropolitan Nurserymen's Association....8:26
Ohio Nurserymen's Association....4:9
Oklahoma State Nurserymen's Association..3:15
Pennsylvania Nurserymen's Association....5:18
Rhode Island Nurserymen's Association....6:48
Tennessee State Nurserymen's Association..4:15
Virginia Nurserymen's Association....4:50
Western Association of Nurserymen....3:11
Western Chapter, National Shade Tree Conference....12:9
Western New York Nurserymen's Association.4:38
Western Pennsylvania Nurserymen's Association....1:20
Wisconsin Nurserymen's Association....1:9

BOOK REVIEWS

America's Garden Book....6:41
Better Flowers for Your Home Garden....10:36
Better Fruits for Your Home Garden....10:36
Better Lawns for Your Home....10:36
Better Vegetables for Your Home Garden..10:36
Bulletins Received....8:38; 10:36
Corsage Craft....8:37
Dictionary of Gardening....8:34
Economic Botany....8:34
Entoma....6:41
Flower Arrangements for All Occasions....6:40
Flowering Trees of the Caribbean....1:12
Flowers for the Occasion....1:12
Food, Farming and the Future....6:40
Forest Entomology....8:34
Green Fingers and Other Poems....8:36
Handbook of Agricultural Pest Control....6:43
Hawaiian Clinic....6:44
How and Why of Better Gardening, The....6:44
Illustrated Manual of California Shrubs, An.8:34
Mineral Nutrition of Plants....2:59
Portable Garden, The....8:35
Practical Gardener....8:35
Propagator Proceedings....8:38
Roses and Home Flower Arranging....8:36
Shade Tree Proceedings....6:42
Shrubs of Pennsylvania, The....6:43
Spraying, Dusting and Fumigating of Plants.2:59
Summer and Autumn Flowers....8:36
Trees for American Gardens....1:12
What Tree Shall I Plant....6:43

BIOGRAPHICAL PORTRAITS

Anderson, Howard....1:9
Gude, Adolph, Sr....10:12
Gude, Adolph, Jr....10:12
Muller, Eugene....5:18
Ricklefs, Ralph B....4:63
Schread, John C....11:10
Torgeson, Theodore A....5:64

OBITUARIES

Aldrich, Clarence....1:55
Anderson, Jens....6:39
Anderson, W. E....10:34
Andrews, C. H....2:50
Baker, Alvin....10:34
Barnett, Alton E....10:34
Britt, Hugh Dinsmore....12:26
Bulpitt, Henry F....3:41
Clark, W. S. (Bill)....5:58
Clavey, Raymond J....12:27
Closky, Julius L....7:43
Cummins, Henry H....7:43
Edwards, Harry B....3:42
Ehrle, George L....12:26
Gillin, James R....8:31
Greenhalgh, Walter J....10:34
Handy, William Thomas....12:27
Hirschi, Mrs. A. G....4:51
Hochbaum, Hans W....6:38
Holland, Louis....1:55
Kind, Hugo....2:51
Klehm, George C....2:51
Kohankie, Julius....12:26
Krause, H. E....3:42
Kumansaka, Akira....6:39
Magruder, Frank W....5:58
May, Fred W....2:50
McClanahan, Howard S....7:43
Meyer, George N....6:38
Sandback, Helmer....11:26
Saunders, David E....11:26
Schnitzspahn, Louis....2:50
Seibert, Kenneth E....8:31
Staats, Charles M....9:25
Steele, H. Lester....11:26
Thurlow, George C....5:58
Wise, John M....9:25

ANNUAL INDEX TO CONTENTS

VOLUME XCV—January 1 through June 15, 1952

First figure is issue number; figure after colon is page.

GENERAL

Advertising in the Nursery Business....6:13
Air Layerage, Chinese....1:11
All-America Flower Selections for 1952....2:11
All-America Rose Selections for 1953....12:11
Azaleas This Spring, Dead....7:9
Bedding Plant Rulings....11:30
Borders, Perennials....1:6
Bulbs, Profits in....1:46
Cedar Germination, Red....10:8
Census Figures, Nursery....2:9
Census Reveals Nursery Statistics....7:7
Chrysanthemums, New....2:68
Crab Apples, Evaluating the Flowering....8:13
Deciduous Shrubs for Ranch-type Houses....1:10
Dollar Volume Soars, Nursery....8:11
Field Records and Staking at Mount Arbor..8:10
Forest Tree Planting....8:32
Freight Rate Increases....9:24
Germination, Light in....9:56
Hormone Kills Brush....12:39
Insect Control in Landscape Plantings....11:10
Landscape Equipment, Mechanized....6:11
Landscapes, Tips for Better....7:16; 9:28; 11:20
Lawn, Selling and Making a....10:13
Layering Plants in Holland....10:7
Merchandising Problems in the Retail Nursery....9:13
Patents, Plant....6:56; 8:64; 9:27; 10:39
Planting for Better Living....10:14
Plants that will Grow in the Shade....6:14
Propagating Rare Plants....8:28
Propagation and Production of Hardy Azaleas....6:7; 7:12
Propagation from Seeds....9:8
Propagation, Pointers on....11:11
Pruning Evergreens in the Nursery....5:17
Pruning, Proper Time for....2:12
Realism and Self-reliance....2:15
Research at Ohio State....6:15
Research Gains Aid Peach Production....10:51
Roses, Transplanter for....4:71
Salesmanship, Better Retail....10:11
Seeds, Soak Blackberry....9:56
Soil Chemicals in Evergreen Seedbeds....10:9
Soil Conditioner, Develop Potent New....5:16
Strawberries, New....9:32
Tax, Self-employed Pay....2:8
This Business of Ours....1:24; 2:26; 5:40; 6:30; 7:36; 8:24; 9:26; 10:24; 11:18; 12:20
Tree Maintenance..2:28; 5:32; 7:26; 10:26; 12:22
Trees for Modern Homes, Shade....7:10
Vitamin from Sewage....8:62
Water Table Affects Tree Varieties....8:62
Weed Control, Ways of....10:59
Weeds, Insecticide Kills....7:24
Your Business—Today and Tomorrow..3:18; 5:50

COVER ILLUSTRATIONS

Amelanchier Grandiflora Rubescens....1:62
Clematis Montana Rubens....10:33
Crataegus Phaenopyrum....9:40
Davidia Involucrata....8:27
Euonymus Fortunei Vegetus....5:48
Magnolia Virginiana....6:36
Picea Abies Clanbrasiliana....7:38
Pinus Mugo Pumilio....3:40
Prunus Glandulosa Sinensis....2:60
Rhododendron Arbutifolium....11:17
Rhus Aromatica....4:65
Rosa Harisoni....12:28

PLANTS

Achillea....7:35
Aconitum....2:26
Anagallis....12:18
Anthemis....2:24
Aquilegia....1:18; 5:28; 8:20
Arenaria....7:30
Arum....4:24
Boltonia....12:18
Borago....12:14
Callirhoe....2:71
Camomile....10:18
Campanula....7:35
Caryopteris....5:20
Ceratostigma....2:69
Chrysanthemum....11:12
Cirsium....9:22
Colchicum....7:30
Commelina....9:22
Corydalis....8:16
Cotyledon....7:67
Crassina....4:30
Cyananthus....5:28
Cynoglossum....10:23
Delphinium....8:20
Dianthus....9:14
Draba....9:14
Echinops....11:14
Epilobium....2:69
Epimedium....2:24
Erigeron....12:14
Eriogonum....5:22
Erodium....8:20; 11:16
Geum....6:20
Gormania....6:26
Helenium....11:15
Hemerocallis....3:26
Hypoxis....11:12
Iberis....8:16
Iris....4:26; 7:34
Lamium....8:16
Lavatera....12:16
Lepachys....6:24
Lilium....9:18
Linaria....7:34
Lotus....6:18
Lychnis....6:22
Malva....5:24
Monarda....9:20
Onosma....6:18
Oreocharis....7:32
Oxalis....5:26
Parochetus....5:20
Petromarula....7:30
Phlox....8:22; 11:15
Pinguicula....1:16
Pityrogramma....2:71
Plant Notes Here and There..1:16; 2:24; 3:26; 4:24; 5:20; 6:18; 7:30; 8:16; 9:14; 10:16; 11:12; 12:14
Polygala....9:14
Potentilla....5:20; 10:16; 11:12
Primula....4:26; 6:20
Pulmonaria....11:12
Salvia....2:26; 12:18
Scabiosa....8:18
Silene....10:16
Sisyrinchium....5:24
Stokesia....9:22
Stylophorum....7:34
Synthyris....10:16
Thymus....3:28
Tiarella....11:15
Tulipa....10:22
Verbena....6:18
Veronica....10:22
Viola....4:24; 5:30

INSECT AND DISEASE CONTROL

Anthracnose Control....10:57
Black Vine Weevil....9:36
Boxwood Leaf Miner....9:38
Chrysanthemum Stunt....10:38
Elm Scale Control....10:29
European Pine Sawfly....9:35
European Pine-shoot Moth....11:38
Insects and Diseases More Damaging Than Fire....5:36
Juniper Scale....9:34
Landscape Plantings, Insect Control in....11:10
Magnolia Scale....9:35
Nursery Insect Control....8:12
Pine Needle Scale....9:34
Resistance in Pests....5:80
Root Rot Control....10:54
Sphaeropsis Tip Blight....9:34
Spruce Mite....9:37
Taxus, Insecticides for....9:38
White-pine Blister Rust....5:98
Woodpecker Damage....7:26

AUTHORS

Brunner, James A.—
Needed: Better Retail Salesmanship....10:11
Brydon, P. H. (Jock)—
Merchandising Problems in the Retail Nursery....9:13
Cascio, Peter—
The Vice-president Replies to Charlie Chestnut....5:13
Chestnut, Charlie—
Some Hot Tips for the Vice-president....2:13
Fillmore, Richard H.—Chinese Air Layerage..1:11
Fisher, R. M.—
Shade Trees for Modern Homes....7:10
Gambrell, F. L. and Helt, C.—
Soil Chemicals in Evergreen Seedbeds....10:9
Gilgut, C. J.—Dead Azaleas This Spring....7:9
Helt, C. and Gambrell, F. L.—
Soil Chemicals in Evergreen Seedbeds....10:9
Hemming, E. Sam—This Business of Ours 1:24; 2:26; 5:40; 6:30; 7:36; 8:24; 9:26; 10:24; 11:18; 12:20
Lewis, Clarence E.—Tips for Better Landscapes....7:16; 9:28; 11:20
Lyons, William E.—
Selling and Making a Good Lawn....10:13
McIntyre, Earl E.—
Advertising in the Nursery Business....6:13
Mosher, Harold E.—
Planting for Better Living....10:14
Ossian, William N.—
Field Records and Staking at Mount Arbor.8:10
Schread, J. C.—
Insect Control in Landscape Plantings..11:10
Wells, James S.—Pointers on Propagation..11:11
Propagation and Production of Hardy Azaleas....6:7; 7:12
Propagation from Seeds....9:8
White, Richard P.—
Realism and Self-reliance....2:15
Your Business—Today and Tomorrow.3:18; 5:50
Wister, John C.—
Evaluating the Flowering Crabs....8:13
Wood, C. W.—Plant Notes Here and There 1:16; 2:24; 3:26; 4:24; 5:20; 6:18; 7:30; 8:16; 9:14; 10:16; 11:12; 12:14
Wysong, Noel B.—Tree Maintenance..2:28; 5:32; 7:26; 10:26; 12:22

MEETINGS

American Hibiscus Society....12:8
Canadian Association of Nurserymen....4:42
Connecticut Nurserymen's Association....3:48
Florida State Florists' Association....12:7
Florida State Nurserymen's and Growers' Association....12:7
Illinois State Nurserymen's Association....3:7
Indiana Association of Nurserymen....3:16
Iowa Nurserymen's Association....3:13
Kansas Association of Nurserymen....3:12
Kentucky State Nurserymen's Association..4:13
Long Island Nurserymen's Association....1:20
Maryland Nurserymen's Association....3:10
Massachusetts Nurserymen's Association....4:32
Michigan Association of Nurserymen....4:7
Michigan Landscape Conference....1:13
Midwestern Chapter, National Shade Tree Conference....5:9
Missouri State Nurserymen's Association....3:12
Nebraska Association of Nurserymen....1:14
New England Nurserymen's Association....5:7
New Jersey Association of Nurserymen....4:14
New York State Arborists' Association....5:12
New York State Nurserymen's Association..3:9
North Carolina Association of Nurserymen..3:34
North Jersey Metropolitan Nurserymen's Association....8:26
Ohio Nurserymen's Association....4:9
Oklahoma State Nurserymen's Association..3:15
Pennsylvania Nurserymen's Association....5:18
Rhode Island Nurserymen's Association....6:48
Tennessee State Nurserymen's Association..4:15
Virginia Nurserymen's Association....4:50
Western Association of Nurserymen....3:11
Western Chapter, National Shade Tree Conference....12:9
Western New York Nurserymen's Association.4:38
Western Pennsylvania Nurserymen's Association....1:20
Wisconsin Nurserymen's Association....1:9

BOOK REVIEWS

America's Garden Book....6:41
Better Flowers for Your Home Garden....10:36
Better Fruits for Your Home Garden....10:36
Better Lawns for Your Home....10:36
Better Vegetables for Your Home Garden..10:36
Bulletins Received....8:38; 10:36
Corsage Craft....8:37
Dictionary of Gardening....8:34
Economic Botany....8:34
Entoma....6:41
Flower Arrangements for All Occasions....6:40
Flowering Trees of the Caribbean....1:12
Flowers for the Occasion....1:12
Food, Farming and the Future....6:40
Forest Entomology....8:34
Green Fingers and Other Poems....8:36
Handbook of Agricultural Pest Control....6:43
Hawaiian Clinic....6:44
How and Why of Better Gardening, The....6:44
Illustrated Manual of California Shrubs, An.8:34
Mineral Nutrition of Plants....2:59
Portable Garden, The....8:35
Practical Gardener....8:35
Propagator Proceedings....8:38
Roses and Home Flower Arranging....8:36
Shade Tree Proceedings....6:42
Shrubs of Pennsylvania, The....6:43
Spraying, Dusting and Fumigating of Plants.2:59
Summer and Autumn Flowers....8:36
Trees for American Gardens....1:12
What Tree Shall I Plant....6:43

BIOGRAPHICAL PORTRAITS

Anderson, Howard....1:9
Gude, Adolph, Sr....10:12
Gude, Adolph, Jr....10:12
Muller, Eugene....5:18
Ricklefs, Ralph B....4:63
Schread, John C....11:10
Torgeson, Theodore A....5:64

OBITUARIES

Aldrich, Clarence....1:55
Anderson, Jens....6:39
Anderson, W. E....10:34
Andrews, C. H....2:50
Baker, Alvin....10:34
Barnett, Alton E....10:34
Britt, Hugh Dinsmore....12:26
Bulpitt, Henry F....3:41
Clark, W. S. (Bill)....5:58
Clavey, Raymond J....12:27
Closky, Julius L....7:43
Cummins, Henry H....7:43
Edwards, Harry B....3:42
Ehrle, George L....12:26
Gillin, James R....8:31
Greenhalgh, Walter J....10:34
Handy, William Thomas....12:27
Hirschi, Mrs. A. G....4:51
Hochbaum, Hans W....6:38
Holland, Louis....1:55
Kind, Hugo....2:51
Klehm, George C....2:51
Kohankie, Julius....12:26
Krause, H. E....3:42
Kumansaka, Akira....6:39
Magruder, Frank W....5:58
May, Fred W....2:50
McClanahan, Howard S....7:43
Meyer, George N....6:38
Sandback, Helmer....11:26
Saunders, David E....11:26
Schnitzspahn, Louis....2:50
Seibert, Kenneth E....8:31
Staats, Charles M....9:25
Steele, H. Lester....11:26
Thurlow, George C....5:58
Wise, John M....9:25